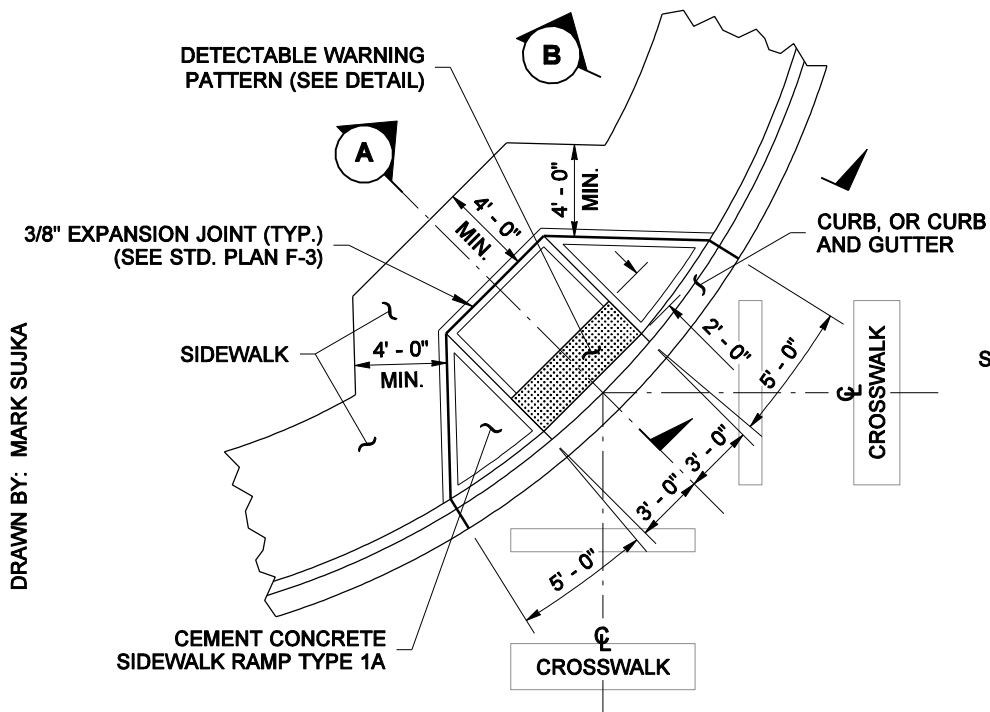
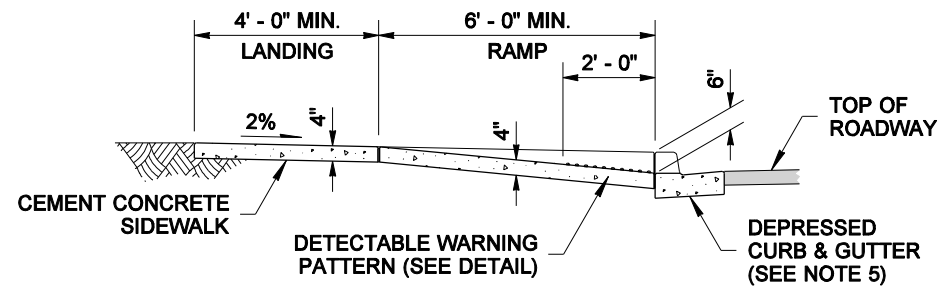


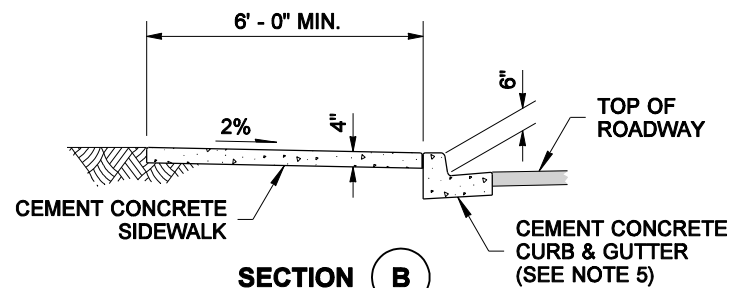
DRAWN BY: MARK SUJKA



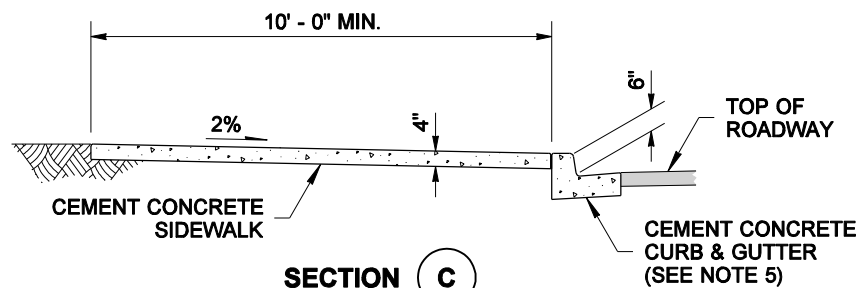
**PLAN VIEW
SIDEWALK RAMP TYPE 1A
LAYOUT
SEE NOTE 1**



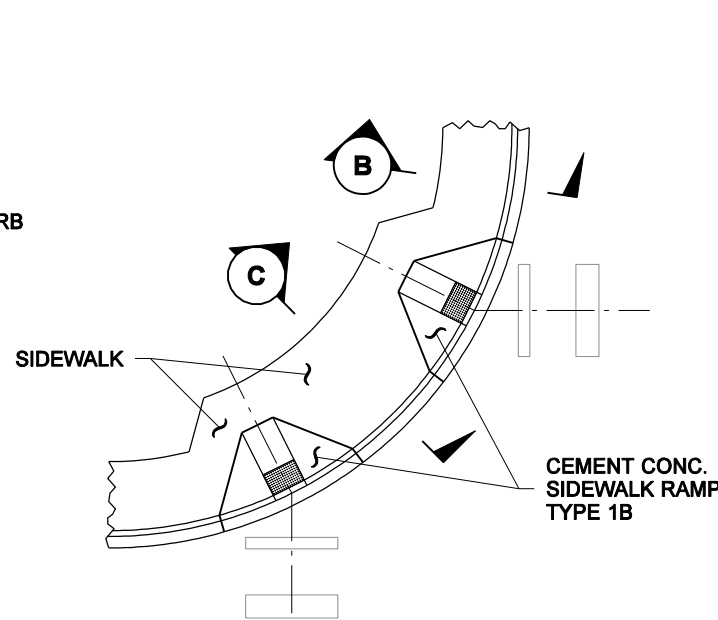
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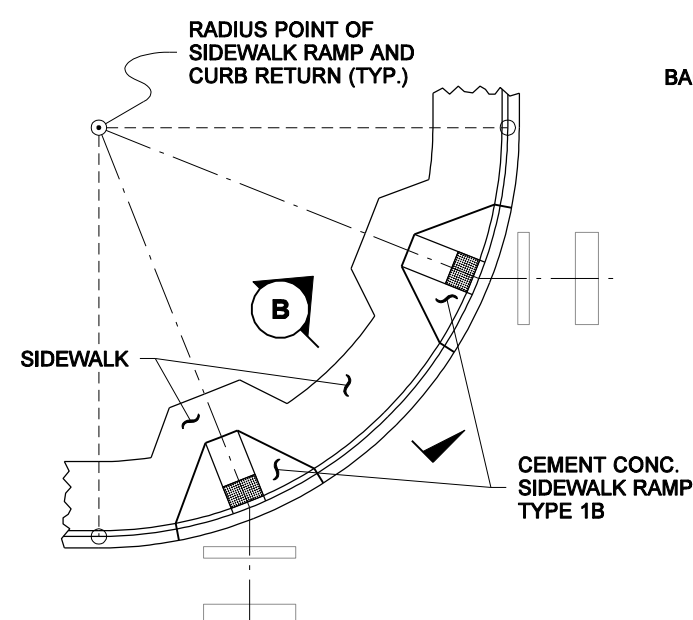
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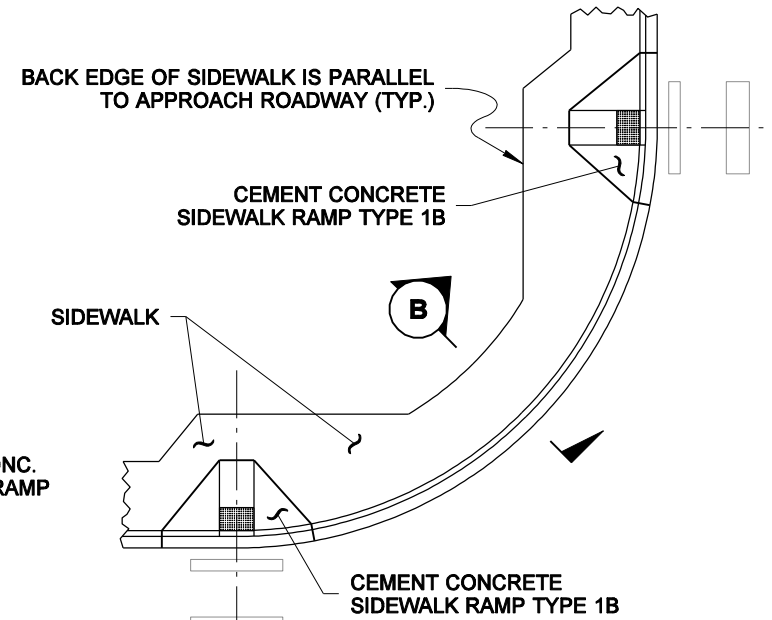
SECTION C



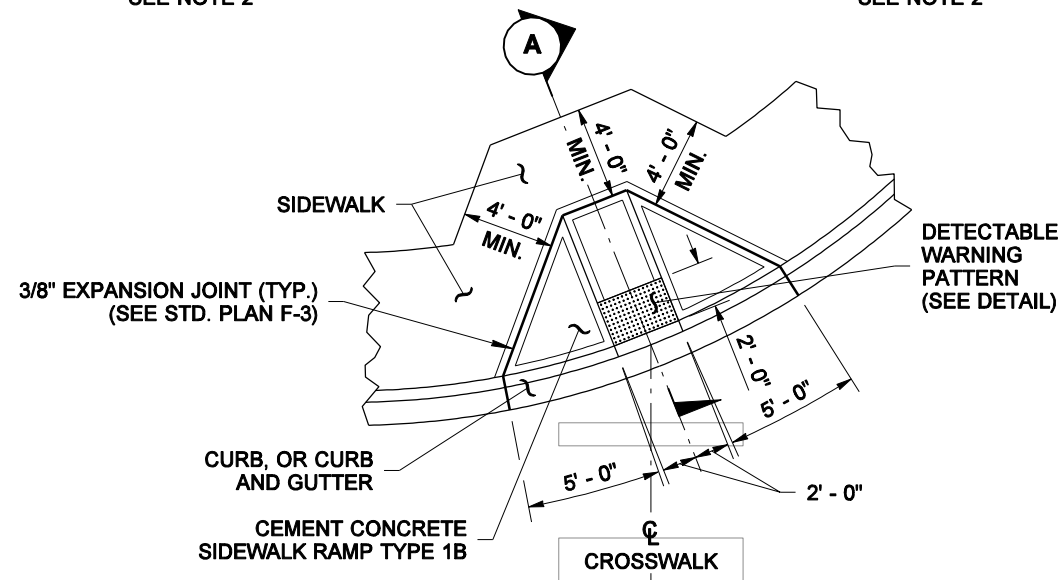
**PLAN VIEW
LAYOUT 1
SEE NOTE 2**



**PLAN VIEW
LAYOUT 2
SEE NOTE 2**

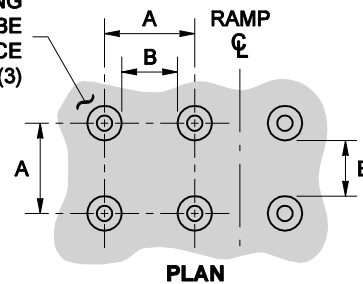


**PLAN VIEW
LAYOUT 3
SEE NOTE 2**



**PLAN VIEW
SIDEWALK RAMP TYPE 1B
FOR LAYOUTS 1, 2, & 3**

DETECTABLE WARNING PATTERN AREA SHALL BE YELLOW, IN COMPLIANCE WITH STD. SPEC. 8-14.3(3)

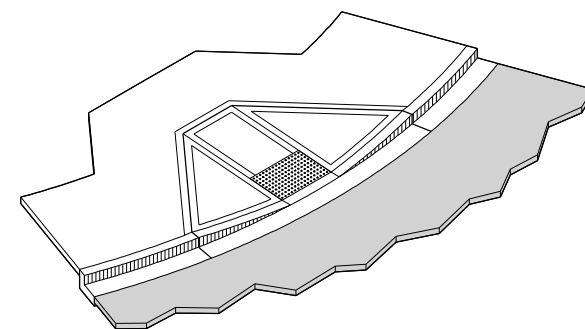


	MIN.	MAX.
A	1 5/8"	2 3/8"
B	5/8"	1 1/2"
C	7/16"	3/4"
D	7/8"	1 7/16"

**TRUNCATED DOMES (SEE NOTE 7)
DETECTABLE WARNING PATTERN DETAIL**

NOTES

1. The Type 1A Ramp is used to provide access to two crosswalks only when it is infeasible to provide a separate ramp for each crosswalk.
2. Layouts 1, 2, & 3 require two (2) of this bid item: "Cement Conc. Side-walk Ramp Type 1B". The bid item does not include the adjacent Curb (or Curb & Gutter), or Sidewalk.
3. Ramp slopes shall not be steeper than 12H:1V.
4. Avoid placing drainage structures, junction boxes or other obstructions in front of ramp access areas.
5. Curb & Gutter is shown, see the Contract Plans for the curb design specified. See Standard Plan F-1 for curb details.
6. See Standard Plan F-3 for sidewalk joint placement and details.
7. Detectable warning patterns may be created by any method that will achieve the truncated dome dimensions and spacing shown.



ISOMETRIC VIEW

NOTE: THIS PLAN IS NOT A LEGAL ENGINEERING DOCUMENT BUT AN ELECTRONIC DUPLICATE. THE ORIGINAL, SIGNED BY THE ENGINEER AND APPROVED FOR PUBLICATION, IS KEPT ON FILE AT THE WASHINGTON STATE DEPARTMENT OF TRANSPORTATION. A COPY MAY BE OBTAINED UPON REQUEST.



EXPIRES MAY 16, 2005

SIDEWALK RAMP TYPES 1A & 1B WITH LAYOUTS STANDARD PLAN F-3a

SHEET 1 OF 1 SHEET

APPROVED FOR PUBLICATION

Harold J. Peterfeso 02-09-05

STATE DESIGN ENGINEER

DATE



Washington State Department of Transportation